



MASTER VALUE LEDs pot LV

MASTER LED 5.5-50W 2700K MR16 24D

Delivering a warm, halogen-like accent beam, MASTER LEDspot LV is an ideal retrofit solution for spot and general lighting applications in the hospitality industry. It is particularly suited to public areas such as receptions, lobbies, corridors, stairwells and washrooms, where the light is on all the time. The robustly designed MASTER LEDspot offers a choice of beam angles for a clearly defined beam spread. There is no UV or IR in the beam, making it suitable for illuminating heat-sensitive objects (food, organic materials, paintings, etc.). The patented intelligent driver enables broad compatibility with existing electromagnetic and electronic halogen transformers. The dimmable versions drive further efficiencies, while helping to create the desired atmosphere.

Warnings and Safety

- Operating temperature range is between -20° C and 45° C ambient
- Only to apply in dry or damp locations and most of open fixtures with lamp-holders that offer sufficient space (10 mm free air space)
- Not intended for use with emergency light fixtures or exit lights

Product data

General Information		Beam Angle (Nom)		24 °
Cap base	GU5.3 [GU5.3]	Lamp Luminous Flux 25°C EL (Nom)	415 lm	
EU RoHS compliant	Yes	Luminous intensity (nom.)	1800 cd	
Nominal lifetime (nom.)	25000 h	Colour Designation	Warm white (WW)	
Switching cycle	50,000X	Colour Temperature, horizontal (Nom)	2700 K	
Technical type	5.5-50W	Lamp Luminous Efficacy EM (Nom)	75.00 lm/W	
Light Technical		Colour consistency	<6	
Colour Code	827 [CCT of 2,700 K]	Colour Rendering Index,horiz (Nom)	80	

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LLMF at end of nominal lifetime (nom.)	70 %
Operating and Electrical	
Input frequency	- Hz
Power (Rated) (Nom)	5.5 W
Lamp current (nom.)	640 mA
Wattage equivalent	50 W
Starting time (nom.)	0.5 s
Warm-up time to 60% light (nom.)	0.5 s
Power factor (nom.)	0.7
Voltage (Nom)	12 V
Temperature	
T-Case maximum (nom.)	95 °C
Controls and Dimming	
Dimmable	No

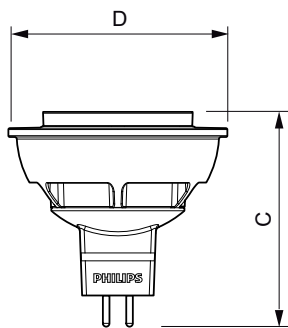
Approval and Application

Energy efficiency label (EEL)	Not applicable
Suitable for accent lighting	Yes
Energy consumption kWh/1,000 hours	- kWh

Product Data

Full product code	871869647599700
Order product name	MASTER LED 5.5-50W 2700K MR16 24D
EAN/UPC – product	8718696475997
Order code	929001145908
SAP numerator – quantity per pack	1
Numerator – packs per outer box	10
Material no. (12 NC)	929001145908
SAP net weight (piece)	0.035 kg

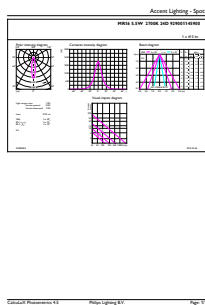
Dimensional drawing



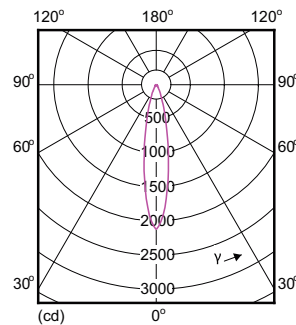
MR16 Black12V 5.5W-35W380lm2700K GU5.3ND

Product	D	C
MASTER LED 5.5-50W 2700K MR16 24D	50.2 mm	49 mm

Photometric data



MASTER LED 5.5-50W MR16 GU5.3 2700K 415lm 24D



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